

AMENDMENT:

This listing of claims will replace all prior versions, and listings, of claims in the application. Where claims have been amended and/or canceled, such amendments and/or cancellations are done without prejudice and/or waiver and/or disclaimer to the claimed and/or disclosed subject matter, and the assignee reserves the right to claim this subject matter and/or other disclosed subject matter in a continuing application.

Claim Listing:

Claim 1 (Currently amended). A method comprising:

moving a paper sheet a first distance towards a scanning window;
scanning a portion of said paper sheet with a scanning head;
moving said scanning head a second distance in a first direction, wherein said second distance is smaller than said first distance;
scanning another portion of said paper sheet; and
repeating said moving the paper sheet, said scanning, and said moving said scanning head to scan a plurality of portions of said paper sheet over said scanning window.

Claim 2 (Previously presented). The method of claim 1, and further comprising repeating said scanning, said moving said scanning head, and said repeating, wherein movement of said scanning head alternates between said first direction and a second direction, until said scanning head scans a plurality of portions of said paper sheet.

Claim 3 (Previously presented). The method of claim 1, and further comprising repeating said scanning, said moving said scanning head, and said repeating, wherein said moving said scanning head comprises moving said scanning head in a second direction opposite to said first direction.

Claim 4 (Previously presented). The method of claim 1, wherein moving said paper sheet comprises

rotating a pair of rollers, wherein said pair of rollers are positioned on a conveying guide of a sheet feeder.

Claim 5. (Previously presented) The method of claim 1, wherein a length of said scanning window is larger than or equal to said first distance.

Claim 6. (Currently amended) A method comprising:

moving a paper sheet a first distance over a scanning window;

b) scanning a portion of said paper sheet with a scanning head in an original position;

moving said scanning head a second distance, wherein the second distance is smaller than the first distance;

repeating said scanning and said moving said scanning head until said scanning head scans a plurality of portions of said paper sheet over said scanning window;

returning said scanning head to said original position; and

repeating said moving said paper sheet, said scanning, said moving said scanning head, and said repeating until said paper sheet is substantially scanned.

Claim 7 (Previously presented). The method of claim 6, wherein said scanning head moves back and forth to scan said paper sheet.

Claim 8 (Currently amended). A method comprising:

moving a paper sheet a first distance at least partially onto a scanning window;

scanning a portion of said paper sheet with a scanning head;

moving said scanning head a second distance in a first direction, wherein said second distance is smaller than said first distance; and

repeating said scanning and said moving said second distance until said scanning head scans a plurality of the portions of said paper sheet on said scanning window. [[:]]

Claim 9. (Previously presented) The method of claim 8, repeating said moving the paper sheet, said scanning, said moving said second distance, and said repeating, wherein said scanning head alternates between moving in said first direction and in a second direction, and wherein said second direction is opposite said first direction.

Claim 10. (Previously presented). The method of claim 8, wherein the scanning head moves in a scanning direction to scan said paper sheet.

Claim 11 (Currently amended) A system comprising:

- a sheet feeder capable of moving a paper sheet a first distance over a scanning window;
- a scanning head capable of scanning a portion of said paper sheet over said scanning window;

- a stepping motor capable of moving said scanning head a second distance in a first direction, wherein said second distance is smaller than said first distance; ~~[[and]]~~

- wherein said scanning head is further capable of scanning a second portion of said paper sheet over said scanning window~~[[.]]~~; and

- wherein said sheet feeder is further capable of again moving said paper sheet said first distance over said scanning window.

Claim 12 (Previously presented). A system of claim 11, wherein said sheet feeder is further capable of moving said paper sheet further over said scanning window and said scanning head is further capable of scanning a third portion of said paper sheet over said scanning window, and wherein said stepping motor is further capable of again moving said scanning head said second distance in said first direction.

Claim 13 (Previously presented) The system of claim 12, wherein said scanning head is further capable of moving back and forth in a scanning direction to scan said paper sheet.

Claim 14 (Previously presented). The system of claim 12, wherein said sheet feeder comprises a conveying guide, and a plurality of rollers arranged on said conveying guide, and wherein at least two of said plurality of rollers are in contact with each other, such that said paper sheet may be moved at least in part by rotating the at least two of said plurality of rollers.

Claim 15. (Previously presented) The system of claim 12, wherein a dimension of said scanning window is larger than or equal to said first distance.

Claim 16 (Currently amended) An apparatus comprising:

means for moving a paper sheet a first distance over a scanning window;

means for scanning a portion of said paper sheet over said scanning window;

means for moving said means for scanning a second distance in a first direction, wherein said second distance is smaller than said first distance; ~~[[and]]~~

said means for scanning further including a means for scanning a second portion of said paper sheet over said scanning window; and

said means for moving said paper sheet further including means for moving said paper sheet further over said scanning window.

Claim 17 (Currently amended). The apparatus of claim 16; ~~and further comprising wherein:~~

~~said means for moving said paper sheet further including means for moving said paper sheet further over said scanning window;~~

said means for scanning further including a means for scanning a third portion of said paper sheet over said scanning window; and

said means for moving said means for scanning further including means for again moving said means for scanning said second distance in said first direction.

Claim 18 (Previously presented) The apparatus of claim 16, and further comprising means for moving said means for scanning back and forth in a scanning direction to scan said paper sheet.

Claim 19. (Previously presented) The apparatus of claim 16, wherein a dimension of said scanning window is larger than or equal to said first distance.

Claim 20 (Previously presented) A method comprising:

moving a paper sheet a first distance over a scanning window;
with a scanning head, scanning a portion of said paper sheet over said scanning window;
moving said scanning head a second distance in a first direction, wherein said second distance is smaller than said first distance; ~~[[and]]~~
scanning a second portion of said paper sheet over said scanning window~~[[.]]; and~~
moving said paper sheet further over said scanning window;
with said scanning head, scanning a third portion of said paper sheet over said scanning
window.

Claim 21 (Previously presented). The method of claim 20, and further comprising:

~~moving said paper sheet further over said scanning window;~~
~~with said scanning head, scanning a third portion of said paper sheet over said scanning~~
~~window;~~
moving said scanning head said second distance in said first direction again; and
scanning a fourth portion of said paper sheet.

Claim 22 (Previously presented) The method of claim 21, and further comprising moving said scanning head back and forth in a scanning direction to scan said paper sheet.

Claim 23 (Previously presented). The method of claim 21, wherein moving a paper sheet comprises rotating at least two of a plurality of rollers, wherein said plurality of rollers are at least in part coupled to a sheet feeder..

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Claim 24. (Previously presented) The method of claim 21, wherein a dimension of said scanning window is larger than or equal to said first distance.